



Maricopa County greengovernmentprogram



Maricopa County's significant population growth is historic and well-known. After adding approximately one million people in the 1990s, the County will again add another one million people in the first decade of this century. With a current population approaching four million and long-term projections showing the population nearly doubling again in less than 40 years, it is clear that strategies to help maintain a vibrant quality of life will be even more important in the future.

An important part of these strategies will be maintaining a healthy and sustainable environment. Recognizing the relationship between a healthy environment and the County's long-term success, the Maricopa County Board of Supervisors directed County departments to prepare and implement a long-term strategy whereby the County will reduce its carbon footprint, help save money, and enhance the region's environment. Several months of collaboration and coordination between its departments and community stakeholders has resulted in a new and innovative plan known as the Maricopa County Green Government Program.

2010
Maricopa County
Board of Supervisors



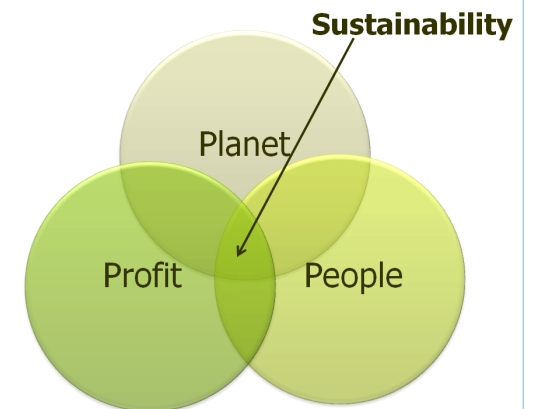
The Board of Supervisors recognizes the impacts that significant growth will continue to have on the region's environment. The Board of Supervisors also recognizes that it can and should be a regional leader in maintaining a healthy and sustainable community.

Leadership is a fundamental part of the Green Government Program because the identified actions will be implemented by County departments to demonstrate that environmental stewardship and cost savings can be achieved. This "Lead by Example" approach directs County departments to implement identified actions to help improve the region's air quality; improve water quality and quantity; increase material reuse and recycling; reduce energy use; make better informed decisions about efficient, economical, and environmentally sensitive land use and development patterns; and build long-lasting partnerships with the broader community.

While sustainability is often a misunderstood cliché, it's most commonly identified when environmental, economic, and social benefits overlap to achieve a positive outcome. Although achieving sustainability is difficult, Maricopa County believes the Green Government Program is an important step in a long-term approach to advance regional sustainability.

Maricopa County understands that we have a responsibility to our residents both current and future to be a leader in sustainability.

-Chairman Don Stapley



Acknowledgments

The Green Government Program was a multi-departmental effort steered by exceptional leadership from the Board of Supervisors and County Manager David Smith.

Maricopa County departments include:

Adult Probation

Air Quality

Animal Care and Control

Environmental Services

Equipment Services

Facilities Management

Flood Control District

Human Resources

Library District

Medical Examiner's Office

Parks and Recreation

Planning and Development

Public Health

Public Works Professional Support Services

Solid Waste

Stadium District

Superior Court

Transportation Department



Impact-Icons



The "impact-icons" indicate which tract of sustainability certain measures will improve. Because sustainability is a very expansive issue many measures may blend into more than one impact-icon. This overlap will be indicated in the document by the corresponding impact -icon with the specific measure.

"Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

-The Brundtland Commission



community

The Maricopa County Green Government Program (GGP) has been designed to steer the County towards a more sustainable way to conduct business and strengthen community internally. Additionally, many of the GGP actions and measurements will help improve environmental conditions that affect the residents of Maricopa County as well. The GGP also fosters vital partnerships with the business community that will help strengthen regional sustainability goals. The GGP has identified specific measures that are being implemented to help build community partnerships towards regional sustainability.

Did You Know?

Maricopa County is an active member in the Sustainable Cities Network














Action Statement















Pursue efforts that strengthen internal and external community building.




















COMMUNITY Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
AD1	All	All interdepartmental new employee orientations will include educational elements of the Green Government Program.	July 2011	On-Going	
AD2	All	All department buildings located near bus, bike, or light rail corridors will state such in email and meeting correspondence.	July 2011	Launched	  
AD4	All	All departments will minimize waste at internal events and functions by utilizing utensils and décor that can be re-used, recycled, or composted whenever possible.	July 2011	On-Going	 
AP8	<u>Adult Probation</u>	Launch a Community Restitution Program that matches probationers to projects including but not limited to: preparing former dumping areas for re-vegetation, restoring the environmental vitality of facilities by removing accumulated wood and other materials that pose a potential hazard to the property, and helping to manage solid waste at landfills.	July 2010	On-Going	  
AQ4	<u>Air Quality Department</u>	Community outreach on "Clean Air-Make More" campaign, provide training on best management practices for industry, hold six "Brown Bags" throughout the year concerning air quality topics, provide Air Quality personnel to present air quality issues to businesses, schools and organizations throughout the county.	July 2011	Launched	 














COMMUNITY Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
AQ5	<u>Air Quality Department</u>	Work together with Building Management, MC Facility Engineers and Environmental Services to conduct internal building energy audits.	July 2014	Not Started	 
AQ6	<u>Air Quality Department</u>	Work with local, county and state lands representatives in developing ordinances for ATV and other activities for public lands.	July 2011	Launched	  
AQ9	<u>Air Quality Department</u>	Use the Internal Green Exchange/Transfer system to share and re-use various office items with other departments.	July 2011	On-Going	 
AQ10	<u>Air Quality Department</u>	Develop in-house comprehensive recycling program in partnership with Solid Waste and Environmental Services.	July 2010	Accomplished	 
ES2	<u>Environmental Services</u>	Develop in-house comprehensive recycling program in partnership with Solid Waste and Air Quality Dept.	July 2010	Accomplished	 
ES4	<u>Environmental Services</u>	Achieve a 75% rate for all customer requests to be processed online.	July 2015	Launched	  

COMMUNITY Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
ES5	<u>Environmental Services</u>	Develop an internal educational protocol to promote employee awareness on green issues.	July 2011	Launched	  
ES6	<u>Environmental Services</u>	Provide public guidance on water reuse strategies including gray water.	July 2011	Launched	 
EQS1	<u>Equipment Services</u>	Educate all Maricopa County vehicle fleet operators about the Anti-Idle program.	July 2011	Launched	  
EQS2	<u>Equipment Services</u>	Partner with ADEQ and RMFMA to secure <u>Green Shop</u> certification for 75% of Maricopa County fleet shops.	July 2012	Launched	 
EQS3	<u>Equipment Services</u>	Provide written direction on an ongoing basis to county agencies and departments regarding the responsibilities Maricopa County has in relation to the vehicles that the county operates and their impact on the environment.	July 2009	Launched	  
FMD4	<u>Facilities Management</u>	Have an established membership and be an active participant in the following organizations: <ul style="list-style-type: none"> <u>US Green Building Council</u> <u>Association of Energy Engineers</u> Distributed Energy Association of Arizona <u>Illuminating Engineering Society</u> Municipal Energy Alliance of Greater Phoenix <u>Sustainable Cities Network</u> 	July 2010	On-Going	   














COMMUNITY Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
FMD 10	<u>Facilities Management</u>	Ensure pedestrian scale amenities in 100% of all future facilities and all remodel projects when logistically feasible.	July 2011	Launched	 
FMD 11	<u>Facilities Management</u>	Work with Materials Management to develop a comprehensive single-stream recycling program for all downtown and Durango campus buildings	July 2011	Launched	 
FMD 14	<u>Facilities Management</u>	Install bike racks at all applicable county owned/managed facilities.	July 2014	Launched	 
FMD 15	<u>Facilities Management</u>	Install preferred parking spaces for low-emitting, hybrid, or plug-in electric vehicles for 5% of the total vehicle parking capacity at 100% of county owned/managed sites where applicable.	July 2014	Launched	 
HS1	<u>Human Services</u>	Integrate green-collar job training into the Workforce Development curriculum.	July 2012	Launched	
HS2	<u>Human Services</u>	Integrate green building techniques into Community Development construction projects.	July 2012	Launched	   












"I go to nature every day for inspiration in the day's work. I follow in building the principles which nature has used in its domain."

-Frank Lloyd Wright














COMMUNITY Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
LD3	<u>Library District</u>	Develop a "Green Section" in each library that has books/publications on things related to sustainability and green living.	July 2014	Not Started	
PR1	<u>Parks and Recreation</u>	Add at least 5,000 acres to the Maricopa County regional park system.	July 2015	Launched	 
PR2	<u>Parks and Recreation</u>	Protect 25% of the identified buffers in the parks and recreation master plan from development encroachment.	July 2011	Launched	 
PR3	<u>Parks and Recreation</u>	Add 15 miles annually to the Maricopa County Regional Trail System.	July 2010	On-Going	  
PD1	<u>Planning and Development</u>	Implement an optional residential Green Building program.	July 2013	Launched	   
PD2	<u>Planning and Development</u>	Prepare an outreach program that advocates for community volunteer efforts for neighborhood cleanup, tree planting, and other efforts.	July 2013	Not Started	
















COMMUNITY Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PD3	<u>Planning and Development</u>	Prepare criteria for Board of Supervisors consideration and adoption that addresses open space in new development, open space connections, and trails.	July 2011	Launched	 
PD4	<u>Planning and Development</u>	Re-evaluate the Maricopa County Noise Ordinance to identify recommended changes that strengthen noise reduction provisions.	July 2013	Launched	
PD5	<u>Planning and Development</u>	Coordinate with the Greater Phoenix Economic Council to indentify policies and strategies for Board of Supervisors consideration and adoption that Maricopa County can implement to help attract and retain environmentally-friendly businesses and industries to Maricopa County.	July 2013	Not Started	
PD6	<u>Planning and Development</u>	Prepare criteria for Board of Supervisors consideration and adoption that addresses building materials, building surfaces, building design, solar technology, shading, etc.	July 2013	Launched	 
PD14	<u>Planning and Development</u>	Implement a system whereby 85% of all applications for change in entitlement will be submitted electronically.	July 2013	Launched	   
PH3	<u>Public Health</u>	Continue internal Public Health Green Council	July 2010	On-Going	

COMMUNITY Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PH6	<u>Public Health</u>	Conduct rapid Health Impact Assessments that provide real value to the Maricopa County Planning and Development Department and policy makers.	July 2013	Not Started	 
PH8	<u>Public Health</u>	Use the Internal Green Exchange/Transfer system to share and re-use various office items with other departments.	July 2011	On-Going	 
PH9	<u>Public Health</u>	Develop an internal educational protocol to promote employee awareness on green issues.	July 2011	Launched	  
SW1	<u>Solid Waste</u>	Develop services and education to residents in order to reduce waste sent to Maricopa County landfills by 50% per year using FY 2007-2008 baseline use.	July 2012	Launched	 
SW3	<u>Solid Waste</u>	Implement a comprehensive strategy to help reduce illegal dumping in Maricopa County.	July 2010	On-Going	 
SW4	<u>Solid Waste</u>	Offer comprehensive public recycling services at all Maricopa County waste transfer stations.	July 2010	Accomplished	 













COMMUNITY Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
SD3	<u>Stadium District</u>	Work in partnership with the Arizona Diamondbacks to implement community awareness programs and campaigns focusing on sustainability, energy conservation, recycling, and other "green" initiatives at Chase Field.	July 2011	Launched	  
SD4	<u>Stadium District</u>	Develop partnership with Facility Manager at Chase Field to provide paper, plastic, and aluminum recycling bins to all Stadium District employees and provide daily collection.	July 2011	Launched	 
SC1	<u>Superior Court</u>	Develop a comprehensive internal curriculum and employee training on "Going Green" and sustainable living.	July 2011	Launched	   
SC2	<u>Superior Court</u>	Develop an internal Employee Recognition Award Ceremony for Best Green Idea/Initiative submitted and implemented for the least cost and/or incurring the most savings.	July 2011	Launched	
SC3	<u>Superior Court</u>	Collaborate with multiple court departments, using the Judicial Branch newsletter, as well as other interdepartmental modes of communication to promote the Green Government Program, with regular and ongoing news articles and announcements of pertinent Going Green information.	July 2011	On-Going	   
SC4	<u>Superior Court</u>	Build a robust campaign that collaborates with the community in its green initiative efforts.	July 2012	Launched	

"The environment is where we all meet; where we all have a mutual interest; it is the one thing that all of us share. It is not only a mirror of ourselves, but a focusing lens on what we can become..."

- Lady Bird Johnson

COMMUNITY Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
MDOT 6	<u>Transportation</u>	Operations Division will ensure appropriate employees will receive training by Maricopa County Department of Air Quality regarding dust reductions to promote better dust control at MCDOT construction sites and for all maintenance activities.	July 2010	On-Going	 
MDOT 10	<u>Transportation</u>	MCDOT Adopt-A-Highway Program will achieve measurable success in its advocacy for and adding additional miles to its Adopt-a-Highway program.	July 2010	On-Going	 
MDOT 11	<u>Transportation</u>	Adopt-A-Highway Program will continue its mission to identify and recruit private organizations and companies to clean 800 miles of roadway segments on a quarterly basis.	July 2010	On-Going	 
MDOT 12	<u>Transportation</u>	Continue program that evaluates the need for noise abatement techniques—to include distancing alignments from noise receivers, applying rubberized asphaltic concrete, erecting barriers—in each construction project.	July 2010	On-Going	  
MDOT 13	<u>Transportation</u>	Continue to incorporate the use of rubberized asphaltic concrete into 100% of new roadway construction paving projects.	July 2010	On-Going	  





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